

IN THE CLAIMS

Please amend the claims as follows:

Claims 1-12 (canceled)

Claim 13 (currently amended): A telecommunications terminal device comprising:  
a pre-paid amount memory area, ~~storing~~ configured to store a pre-paid amount of  
money[.];

a first profile memory area; and

a processor ~~which can~~ configured to:

~~debit or subsequently load~~ the pre-paid amount of money from the pre-paid amount  
memory area,

~~wherein the processor in addition determines~~ determine a dynamic client profile from  
one or more random variables of previous connections of [[the]] a customer,

store the dynamic client profile and can store it in [[a]] the first profile memory area,

~~and the processor can determine an~~ the amount for new connections ~~from~~ based on the  
~~stored~~ dynamic client profile, and [[can]]

~~debit it directly~~ the amount for new connections out of [[a]] the pre-paid amount  
memory area when a connection is established.

Claim 14 (currently amended): A telecommunications terminal device according to  
claim 13, further comprising a display ~~which displays the amounts~~ configured to display the  
amount for new intended connections[[,]] ~~which amounts are determined from the stored~~  
~~client profile.~~

Claim 15 (currently amended): A telecommunications terminal device according to  
claim 14, further comprising a second profile memory area, wherein the fee amount for new  
connections is determined ~~from~~ based on a statistical dynamic overall client profile stored in  
[[a]] the second profile memory area, ~~which~~ and wherein the overall client profile is derived

from one or multiple random variables of previous connections of at least one group of customers of the digital telecommunications network, the stored overall client profile being adapted dynamically.

Claim 16 (currently amended): A telecommunications terminal device according to claim 14, wherein the random variables used to derive the dynamic client profile include ~~the~~ at least one of connection duration, ~~[[the]]~~ time of day, ~~[[the]]~~ day of the week, ~~and/or and~~ geographic characteristics of previous connections.

Claim 17 (currently amended): A telecommunications terminal device according to claim 14, wherein the amount for new connections ~~[[are]]~~ is dependent on ~~[[the]]~~ a statistical system load obtained from the overall client profile.

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Claim 18 (currently amended): A chipcard ~~which can be used~~ configured for use in a telecommunications device, comprising:

a first profile memory area ~~which stores~~ configured to store a dynamic client profile which is derived from at least one random variable of previous connections of ~~owner of the chipcard~~ a customer; and

a processor configured to ~~determine~~ change the dynamic client profile ~~again~~ after a new connection, and to determine ~~[[the]]~~ a usage fee for new connections from the ~~stored~~ dynamic client profile.

Claim 19 (currently amended): A chipcard according to claim 18, further comprising:  
a pre-paid amount memory area ~~storing~~ configured to store a pre-paid amount of money~~[[,]]~~;

~~means to debit or subsequently load~~ for debiting the prepaid amount of money~~[[,]]~~  
from the prepaid amount memory area; and

~~means to debit directly~~ for debiting from the pre-paid amount memory area the usage fee for new connections determined from the ~~stored~~ dynamic client profile.

Claim 20 (currently amended): A chipcard according to claim 18, further comprising a second profile memory area, wherein the usage fee for new connections is determined from a statistical dynamic overall client profile stored in ~~[[a]]~~ the second profile memory area, ~~which and wherein the~~ overall client profile is derived from at least one random variable of previous connections of at least one group of customers of the digital telecommunications network, said overall client profile being adapted dynamically.

Claim 21 (currently amended): A chipcard according to claim 18, wherein the random variables used to derive the client profile include at least one of ~~[[the]]~~ connection duration, ~~[[the]]~~ time of day, ~~[[the]]~~ day of the week, ~~[[and/or]]~~ and geographic characteristics of previous connections.

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Claim 22 (currently amended): A chipcard according to claim 18, wherein the fees usage fee for new connections ~~[[are]]~~ is dependent on ~~[[the]]~~ a statistical system load obtained from the overall client profile.

Claim 23 (currently amended): A billing system, ~~intended for the determination of~~ for determining telecommunications network usage fees, comprising:

a first profile memory area ~~storing~~ configured to store a dynamic client profile for at least one customer of the telecommunications network, said dynamic client profile being derived from at least one random variable of previous connections of the customer~~[[,]]~~;

means ~~to determine~~ for determining the at least one random variable with every new connection~~[[,]]~~;

means ~~to calculate again~~ for changing the dynamic client profile depending on the determined at least one random variable~~[[,]]~~;

means ~~to determine the~~ for determining a usage fee ~~from~~ based on the stored dynamic client profile ~~and to charge~~;

a pre-paid amount memory area configured to store a pre-paid money amount associated with the customer; and

means for debiting said usage fee to the client from the pre-paid money amount.

Claim 24 (currently amended): A billing system according to claim 23, further comprising a second profile memory area, wherein the usage fee is determined from a statistical dynamic overall client profile stored in [[a]] the second profile memory area, ~~which~~ and wherein the overall client profile is derived from at least one random variable of previous connections of at least one group of customers, the stored overall client profile being adapted dynamically.

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Claim 25 (currently amended): A billing system according to claim 23, wherein the random variables used to derive the client profile include [[the]] at least one of connection duration, [[the]] time of day, [[the]] day of the week, [[and/or]] and geographic characteristics of previous connections.

Claim 26 (currently amended): A billing system according to claim 23, wherein the usage fee is ~~dependent~~ determined based on the a statistical system load obtained from the overall client profile.

Claim 27 (currently amended): A data carrier ~~programmed by a computer program which can be used to control a programmable device~~, comprising:

~~means to store in a memory area~~ first profile storing means for storing a dynamic client profile for at least one customer of a telecommunications network, said dynamic client profile being derived from ~~one or multiple~~ at least one random ~~variables~~ variable of previous connections of the customer of the digital telecommunications network~~[[,]]~~;

~~means to determine~~ for determining at least one statistical characteristic with every new connection~~[[,]]~~;

means to ~~determine again~~ for changing the dynamic client profile depending on the determined at least one random variable[[,]]; and

means to ~~determine~~ for determining a usage fee ~~from~~ based on the stored dynamic ~~nan~~ client profile.

Claim 28 (currently amended): A data carrier according to claim 27, further comprising second profile storing means for storing a statistical dynamic overall client profile, wherein the usage fee is determined from ~~a statistical~~ the dynamic overall client profile ~~stored in a second memory area, which, and wherein the~~ overall client profile is derived from at least one random variable of previous connections of at least one group of customers, the stored overall client profile being adapted dynamically.

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Claim 29 (currently amended): A data carrier according to claim 27, wherein the random variables used to derive the client profile include [[the]] at least one of connection duration, [[the]] time of day, [[the]] day of the week, [[and/or]] and geographic characteristics of previous connections.

Claim 30 (currently amended): A data carrier according to claim 27, wherein the ~~fees for new connections are~~ usage fee is dependent on [[the]] a statistical system load obtained from the overall client profile.

Claim 31 (currently amended): A billing method to determine usage fees which arise through [[the]] use of a digital telecommunications network, comprising:

determining statistical characteristics of previous connections of a customer; [[and]]  
establishing a connection by the customer via the digital telecommunications network;  
and

calculating a usage fee ~~billed to said customer~~ before or during the establishing step based on said statistical characteristics of previous connections of [[a]] the customer.

Claim 32 (currently amended): A billing method according to claim 31, further comprising:

determining statistical characteristics of previous connections of at least one group of users; and

calculating the usage fee ~~billed to a new customer of the telecommunications network~~ based on said statistical characteristics of at least one group of users.

Claim 33 (currently amended): A billing method according to claim 31 ~~or 32~~, further comprising:

deriving a dynamic client profile from at least one random variable of previous connections of a customer[[,]]; B/P

storing said dynamic client profile in a memory area[[,]]; and

rederiving said dynamic client profile after new connections of said customer.

Claim 34 (currently amended): A billing method according to claim 32, further comprising:

deriving a dynamic overall client profile, comprising the statistical features of previous connections of at least one group of customers, from at least one random variable of previous connections of said at least one group of customers[[,]]; and

storing said dynamic overall client profile in a memory area.

Claim 35 (currently amended): A billing method according to claim 33, further comprising:

~~maintaining~~ updating the client profile so that it contains a value proportional to [[the]] average duration price per connection of the customer.

Claim 36 (currently amended): A billing method according to claim 33, further comprising:

~~maintaining~~ updating the client profile so that it contains a value proportional to  
[[the]] average duration time of a connection of the customer.

Claim 37 (currently amended): A billing method according to claim 33, further  
comprising:

~~maintaining~~ updating the client profile so that it contains [[the]] a number of  
connections of the customer in pre-defined classes of duration of customer connection time.

Claim 38 (currently amended): A billing method according to claim 33, further  
comprising:

~~maintaining~~ updating the client profile to contain multi-dimensional functions of  
random variables of previous connections of the customer of the digital telecommunications  
network.

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Claim 39 (currently amended): A billing method according to claim 33, further  
comprising:

deriving the client profile using random variables which include at least one of [[the]]  
connection duration time, [[the]] time of day, [[the]] day of the week, [[and/or]] and  
geographic characteristics of previous connections.

Claim 40 (currently amended): A billing method according to claim 34, further  
comprising:

basing usage fees for new connections on [[the]] a statistical system load obtained  
from the overall client profile.

Claim 41 (currently amended): A billing method according to claim 33, further  
comprising:

determining usage fees for new connections from the stored dynamic client profile  
when the connection is ~~established, and charging said usage fees directly~~ established.

Claim 42 (currently amended): A billing method according to claim 33, further comprising,

~~determining usage fees for anticipated new connections prior to establishing the connection;~~

510 informing the ~~potential~~ customer of said usage fees, fee; and

allowing the ~~potential~~ customer to interrupt the connection establishment.

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Claim 43 (new): A billing method according to claim 32, further comprising:  
deriving a dynamic client profile from at least one random variable of previous connections of a customer;

storing said dynamic client profile in a memory area; and

rederiving said dynamic client profile after new connections of said customer.

Claim 44 (new): A billing method according to claim 43, further comprising:  
511 updating the client profile so that it contains a value proportional to average duration price per connection of the customer.

Claim 45 (new): A billing method according to claim 43, further comprising:  
updating the client profile so that it contains a value proportional to average duration time of a connection of the customer.

Claim 46 (new): A billing method according to claim 43, further comprising:  
updating the client profile so that it contains a number of connections of the customer in pre-defined classes of duration of customer connection time.

Claim 47 (new): A billing method according to claim 43, further comprising:  
updating the client profile to contain multi-dimensional functions of random variables of previous connections of the customer of the digital telecommunications network.

Claim 48 (new): A billing method according to claim 43, further comprising:



deriving the client profile using random variables which include at least one of connection duration time, time of day, day of the week, and geographic characteristics of previous connections.

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Claim 49 (new): A billing method according to claim 43, further comprising:  
determining usage fees for new connections from the stored dynamic client profile  
when the connection is established.

Claim 50 (new): A billing method according to claim 43, further comprising,  
informing the customer of said usage fee; and  
allowing the customer to interrupt the connection establishment.

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